David Kirby

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Course Home   Module 2 - Statistical Learning Theory

Take Test: Quiz 2.1 Introduction to Machine Learning

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Test Information

Description	
Instructions	
Multiple Attempts	This test allows multiple attempts.
Force Completion	This test can be saved and resumed later.

❯❯ Question Completion Status:

QUESTION 1   0.02 points   Saved

How do machines learn?

○ They need to be feed with human-produced knowledge.

○ They learn using deductive principles.

○ Machines cannot learn, only humans can.

◉ They use inductive learning from data.

QUESTION 2   0.02 points   Saved

Machine learning can be seen as the process of:

○ Taking data, extracting the knowledge and produce information.

◉ Taking data, extracting the information and <u>inferring</u> knowledge.

○ Learning heuristic rules from in order to take decisions.

○ None of the previous is valid.

QUESTION 3   0.02 points   Saved

Which one of these sentences is true:

◉ Data needs to be fed to the algorithm in form of numbers.

○ The data fed into the machine consist of vectors of features.

○ Each vector used for training belongs to a sample of data.

○ All of these are true.

QUESTION 4   0.02 points   Saved

A linear classifier consists of:

◉ One or several hyperplanes that separate the patterns into different classes.

○ Just one hyperplane that separates the patterns in two classes.

○ Linear classifiers are useless in practice.

○ Linear classifiers work only in spaces of very low dimension.

QUESTION 5   0.02 points   Saved

Click Save and Submit to save and submit. Click Save All Answers to save all answers.

⦿ is obtained by observing the sign of the estimator output.

○ All of the above is true.